

S/N: 10/766,828
DATE: 12-17-04

8 ("4120585" "4525859" "4537484" "4832485" "5040223" "5146102" "5224174" "5289253").PN.	US-PGPUB; USPAT; USOCR	12/17/04 10:28
29 ("5448649").URPN.	USPAT	12/17/04 11:07
17 chen-dennis\$9.in.	USPAT	12/17/04 11:07
1 KATO-NORHIRO\$9.in.	US-PGPUB; USPAT; IBM_TDB	12/17/04 11:08
1 KATO-NORHIRO\$9.in.	US-PGPUB; USPAT; IBM_TDB	12/17/04 11:08
((light or illumination) with source) or laser or diode same (split\$5 or beam\$2split\$5 or light\$2split\$5) same (photo\$2diode or detect\$5 or sens\$5) same imag\$5		
281 same transparent	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:44
1 S119 and S132	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:44
((light or illumination) with source) or laser or diode same (split\$5 or beam\$2split\$5 or light\$2split\$5) same		
22845 (photo\$2diode or detect\$5 or sens\$5)	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:43
17 ("4626920").URPN.	USPAT	12/17/04 7:39
6 ("4878122").URPN.	USPAT	12/17/04 7:39
("4441791" "4626920" "4857978" "5170283" "5258775" "5311360" "5459610" "5661592" "5677783" "5808797" "5822110" "5841579" "5844711" "5982553" "6084626" "6088102"		
18 "6215579" "6307663").PN.	US-PGPUB; USPAT; USOCR	12/17/04 7:38
("4868668" "5386253" "5982553" "6052166"		
8 "6307663" "6384959" "6411425" "6476848").PN.	US-PGPUB; USPAT; USOCR	12/17/04 7:36
((light or illumination) with source) or laser or diode with (split\$5 or beam\$2split\$5 or light\$2split\$5) with		
1403 (photo\$2diode or detect\$5 or sens\$5) same imag\$5	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:35
8 S119 and S126	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:35
((light or illumination) with source) or laser or diode with (split\$5 or beam\$2split\$5 or light\$2split\$5) with		
9638 (photo\$2diode or detect\$5 or sens\$5)	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:34
0 S123 and (image with retriev\$5)	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:34
76 S123 and (imag\$5)	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:34
85 S118 and S121	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:33
195 S118 and S120	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:33
2019 ((359/618,813-814) or (369/44.15,44.16)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	12/17/04 7:29
((359/618,813-814) or (369/44.15,44.16) or (382/126) or		
2348 (345/166)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	12/17/04 7:29
((359/618,813-814,822-824) or		
3683 (369/44.15,44.16)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	12/17/04 7:28
((359/618,813-814,822-824) or		
2939 (369/44.15,44.16)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	12/15/04 11:14
2 ("4560457" "5396061").PN.	US-PGPUB; USPAT; USOCR	12/15/04 11:09
("3205774" "4422169" "5612826" "6108292"		
6 "6270696").PN.	US-PGPUB; USPAT; USOCR	12/15/04 11:07
5 ("6108292").URPN.	USPAT	12/15/04 11:07
72 martinez-joseph\$9.xa.	US-PGPUB; USPAT; IBM_TDB	12/15/04 10:57
9 S112 and (objective with lens)	US-PGPUB; USPAT; IBM_TDB	12/15/04 10:57
21 S110 and split\$5	US-PGPUB; USPAT; IBM_TDB	12/15/04 10:56
196 S107 and OPTICAL	US-PGPUB; USPAT; IBM_TDB	12/15/04 7:00
8 S107 and (beam adj split\$4)	US-PGPUB; USPAT; IBM_TDB	12/15/04 6:59
1 S108 AND "2673"	US-PGPUB; USPAT; IBM_TDB	12/15/04 6:58

234 (345/166).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	12/15/04 6:45
0 S104 and (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 17:00
2 S104 and (beam with split\$5)	US-PGPUB; USPAT; IBM_TDB	12/14/04 17:00
35 (optical adj2 mouse) and (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:59
76 (optical adj2 mouse).ti.	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:59
1 (optical adj2 mouse) same (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:58
1 (optical adj2 mouse) same splitter	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:58
0 S101 not S100	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:58
69 (optical adj2 point\$5) same (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:58
(optical wadj2 mouse) and (image with retriev\$5) and		
582 (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:57
(optical adj2 mouse) and (image with retriev\$5) and		
0 (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:57
(optical with mouse) and (image with retriev\$5) and		
18 (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:56
(optical with mouse) and (image with retriev\$5 with		
0 method) and (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:55
243 (optical with mouse) and (image with retriev\$5)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:55
(optical with mouse) and (image with retriev\$5 with		
44 method)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:54
3453 (optical with mouse)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:53
243 (optical with mouse) and (image with retriev\$5)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:53
30 S89 and "359"/\$.ccls.	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:27
76 werner-brian.xp.	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:27
71 S86 and splitter	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:24
0 S86 and (optical with mouse)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:24
334 chang-audrey\$9.xp.	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:20
1 ("6400492").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	12/14/04 16:19
((SUZUKI-JUNICHI\$9.in. and (objective adj lens)) or		
KATO-NORHIRO\$9.in. or (TANAKA-TETSU\$9.in. and		
(objective adj lens)) or (KUBO-TAKESHI\$9.in. and		
2 (objective adj lens))) and (slide adj base)	US-PGPUB; USPAT; IBM_TDB	9/14/04 15:31
((SUZUKI-JUNICHI\$9.in. and (objective adj lens)) or		
KATO-NORHIRO\$9.in. or (TANAKA-TETSU\$9.in. and		
(objective adj lens)) or (KUBO-TAKESHI\$9.in. and		
(objective adj lens))) and (((359/618,813-814,822-824)		
2 or (369/44.15,44.16)).CCLS.)	US-PGPUB; USPAT; IBM_TDB	9/14/04 15:31
(objective adj lens) and (base and core and conductor		
65 and electric\$5 and board)	US-PGPUB; USPAT; IBM_TDB	9/14/04 15:16
((359/618,813-814,822-824) or		
(369/44.15,44.16)).CCLS.) and ((objective adj lens) and		
(base and core and conductor and electric\$5 and		
8 board))	US-PGPUB; USPAT; IBM_TDB	9/14/04 15:16
(objective adj lens) and (base and core and conductor		
176 and electric\$5)	US-PGPUB; USPAT; IBM_TDB	9/14/04 15:15
((359/618,813-814,822-824) or		
(369/44.15,44.16)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	9/14/04 14:53
((359/618,813-814,822-824) or		
3032 (369/44.15,44.16)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	9/14/04 14:53
((objective adj lens) and (base and core and conductor		
and electric\$5)) and (((359/618,813-814,822-824) or		
12 (369/44.15,44.16)).CCLS.)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:53
(objective adj lens) and (base same core same		
4 conductor same electric\$5)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:52
58 (objective adj lens) and (slide adj base)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:47

((objective adj lens) and (slide adj base)) and core and 2 conductor and electric\$5	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:47
((objective adj lens) and (slide adj base)) not (((objective adj lens) and (slide adj base)) and core and conductor		
56 and electric\$5)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:47
6 KUBO-TAKESHI\$9.in. and (objective adj lens)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:38
3 TANAKA-TETSU\$9.in. and (objective adj lens)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:37
5 KUBO-TAKESHI\$9.in. and (objective adj lens)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:37
11 SUZUKI-JUNICHI\$9.in. and (objective adj lens)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:37
1 KATO-NORHIRO\$9.in.	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:37
4 TANAKA-TETSU\$9.in. and (objective adj lens)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:37
11 SUZUKI-JUNICHI\$9.in. and (objective adj lens)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:36
35 4759005.URPN.	USPAT	5/3/04 17:24
0 6587284.URPN.	USPAT	5/3/04 16:40
("5285434" "5321678" "5359459" "5561646"		
7 "5905255" "5949590" "6278669").PN.	USPAT	5/3/04 16:40
2 5949590.URPN.	USPAT	5/3/04 16:39
("5285434" "5321678" "5359459" "5561646"		
5 "5949590").PN.	USPAT	5/3/04 16:21
8436 coil with board	US-PGPUB; USPAT; IBM_TDB	5/3/04 16:20
114 coil adj board	US-PGPUB; USPAT; IBM_TDB	5/3/04 16:20
((359/618,813-814,822-824) or		
2939 (369/44.15,44.16)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	5/3/04 16:20
(coil adj board) and (((359/618,813-814,822-824) or		
6 (369/44.15,44.16)).CCLS.)	US-PGPUB; USPAT; IBM_TDB	5/3/04 16:20
3 5870373.URPN.	USPAT	5/1/04 11:47
2 6016292.URPN.	USPAT	5/1/04 11:44
2 5768037.URPN.	USPAT	5/1/04 11:43
35 4759005.URPN.	USPAT	5/1/04 11:40
(((((359/618,813-814,822-824) or		
(369/44.15,44.16)).CCLS.) and (coil\$3 same magnet		
same (objective adj lens))) and (print\$4 with board) with		
70 coils	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:37
6 (print\$4 adj coil adj board) with coils	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:36
(((((359/618,813-814,822-824) or		
(369/44.15,44.16)).CCLS.) and (coil\$3 same magnet		
360 same (objective adj lens))	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:36
(((((359/618,813-814,822-824) or		
(369/44.15,44.16)).CCLS.) and (coil\$3 same magnet		
same (objective adj lens))) and (print\$4 adj coil adj		
4 board)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:36
(((((359/618,813-814,822-824) or		
(369/44.15,44.16)).CCLS.) and (coil\$3 same magnet		
same (objective adj lens))) and (print\$4 adj coil adj		
board)) not (((359/618,813-814,822-824) or		
(369/44.15,44.16)).CCLS.) and ((print\$6 adj coil adj		
0 board) same magnet same (objective adj lens)))	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:36
(((((359/618,813-814,822-824) or		
(369/44.15,44.16)).CCLS.) and (coil\$3 same magnet		
121 same (objective adj lens))) and (print\$4)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:36
(((((359/618,813-814,822-824) or		
(369/44.15,44.16)).CCLS.) and ((print\$6 adj coil adj		
4 board) same magnet same (objective adj lens))	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:35

(((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((coil adj board) same 4 magnet same (objective adj lens))	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:35
6 (print\$4 adj2 coil adj2 board) and (single with magnet)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:32
0 (print\$4 adj2 coil adj2 board).ti.	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:32
0 print\$4 adj2 circuit adj2 board adj 2coil	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:32
3 (print\$4 adj coil adj board) and (single with magnet)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:31
0 (print\$4 adj coil adj board) with (single adj magnet)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:24
0 (print\$4 adj coil adj board) with (single with magnet)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:24
0 (print\$4 adj coil adj board) same (single with magnet)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:24
2 5949590.URPN.	USPAT	5/1/04 11:22
0 6587284.URPN.	USPAT	5/1/04 11:22
("5285434" "5321678" "5359459" "5561646" 7 "5905255" "5949590" "6278669").PN.	USPAT	5/1/04 11:22
2 ("5828634" "6344936").PN.	USPAT	5/1/04 11:21
("5285434" "5321678" "5359459" "5561646" 5 "5949590").PN.	USPAT	5/1/04 11:21
1 6344936.URPN.	USPAT	5/1/04 11:20
1 6377407.URPN.	USPAT	4/30/04 17:22
0 6519100.URPN.	USPAT	4/30/04 17:20
("5627687" "5636068" "5903539" "5926327" 6 "6317277" "6377407").PN.	USPAT	4/30/04 17:20
4 ("4669823" "4702555" "5208703" "5566149").PN.	USPAT	4/30/04 17:20
5 5926327.URPN.	USPAT	4/30/04 17:16
4 ("5428589" "5446721" "5602808" "5748580").PN.	USPAT	4/30/04 17:07
("4449213" "4653856" "4669823" "4702555" "4766583" "4927235" "4948230" "5046820" "5073883" "5144607" "5161067" "5208703" "5220459" "5313334" "5323378" "5428481" 17 "5446721").PN.	USPAT	4/30/04 17:03
10 5446721.URPN.	USPAT	4/30/04 17:01
("5446721" "5598397" "5877904" "5905255" 8 "5926327" "5940227" "5999501" "6163416").PN.	USPAT	4/30/04 16:59
0 6643229.URPN.	USPAT	4/30/04 16:56
("5043964" "5430699" "5905255" "6084834" 6 "6181670" "6341104").PN.	USPAT	4/30/04 16:56
5 6341104.URPN.	USPAT	4/30/04 16:49
3 5940227.URPN.	USPAT	4/30/04 14:21
0 5724324.URPN.	USPAT	4/30/04 14:20
4 5218483.URPN.	USPAT	4/30/04 14:19
(objective adj lens) same coil\$4 same (single with 21 magnet)	US-PGPUB; USPAT; IBM_TDB	4/30/04 14:17
12 4482988.URPN.	USPAT	4/30/04 14:17
2450 (objective adj lens) and coil\$4 and magnet	US-PGPUB; USPAT; IBM_TDB	4/30/04 14:16
3 ("4759005" "5177640" "5548449").PN.	USPAT	4/30/04 14:12
10 4782475.URPN.	USPAT	4/30/04 10:24
(((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((objective adj lens) and 475 coil\$4 and magnet)	US-PGPUB; USPAT; IBM_TDB	4/30/04 10:23
(((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((objective adj lens) and 30 coil\$4 and magnet)) and north and south	US-PGPUB; USPAT; IBM_TDB	4/30/04 10:23
16 4813033.URPN.	USPAT	4/30/04 10:08
14 4507765.URPN.	USPAT	4/30/04 10:05
89 SUZUKI-JUNICHI\$9.in.	US-PGPUB; USPAT; IBM_TDB	4/30/04 10:02

7 5727111.URPN.
4 TANAKA-TETSU\$9.in. and lens
20 KUBO-TAKESHI\$9.in.
145 TANAKA-TETSU\$9.in.

USPAT
US-PGPUB; USPAT; IBM_TDB
US-PGPUB; USPAT; IBM_TDB
US-PGPUB; USPAT; IBM_TDB

4/30/04 10:00
4/30/04 9:58
4/30/04 9:58
4/30/04 9:57